APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Kuschk, R. and Kaltwasser, H.
THE PRESENT STATE OF PC PRODUCTION.
13 July 62, 20p. (refs. omitted).
Order from SLA $1.60 63-14016

Trans. of Plaste und Kautschuk (East Germany) 1960, v. 7, no. 11, p. 528-533.

DESCRIPTORS: *Polyvinyl chloride, *Chlorination, Polymers, Solubility, Industrial production.

In this article, the principles of chlorination of PVC and the industrial arrangement of the process are discussed.

(Materials--Plastics, TT, v. 10, no. 5)

63-14016

I. Kuschk, R.
II. Kaltwasser, H.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

On the Ignition and Fire Hazards of Plastic Sheets and Foils, by H. Hanel, W. Soder.
GERMAN, per, Plaste U. Hautschuk, Vol. 3, No. 5, 1961, pp 227-233.

Sci -
July 1[illegible]7

354-334

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Weigel, K.
VARYING THE MECHANICAL PROPERTIES OF METHACRYLATE PLASTICS AND LACQUERS. [1964]
19p (figs omitted)
Order from SLA $1.60 TT-64-10196

Trans. of Plaste und Kautschuk (East Germany) 1961 [v. 8, no. 5] p. 282-287.
Another trans. is available from TTIS $27.00 as TTIS-2297, 1961.

(Materials--Plastics, TT, v. 12, no. 2)

TT-64-10196

1. Weigel, K.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Weigel, K.
MODIFICATIONS IN THE MECHANICAL PROPERTIES OF METHACRYLATE PLASTICS AND (SOLVENT-LESS) PAINTS. 1961.
Order from TTIS $27.00 TTIS-2297

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, May, p. 282-287.

DESCRIPTORS: *Plastics, *Acrylic resins, *Paints, Solubility, Mechanical properties

(Materials--Plastics, TT, v. 6, no. 9)

61-25287

I. Weigel, K.
II. TTIS-2297
III. Translation and Technical Information Services (Gt. Brit.)

185561

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Holmüller, W.
THE INFLUENCE OF STRUCTURE ON THE PHYSICAL PROPERTIES OF MACROMOLECULAR SUBSTANCES. 16 Apr 62 [15]p. (figs. omitted) 12 refs.
Order from SLA $1.60 63-10820

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, p. 295-300.

DESCRIPTORS: *Polymers, *Plastics, Physical properties, Molecular structure, Glass, Crystals, Sound transmission, X-ray diffraction, Analysis.

(Materials--Plastics, TT, v. 10, no. 1)

63-10820

I. Holmüller, W.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Production and Properties of Some
Epoxyalkylsilanes, by A. Wende;
A. Gasierich, 9 pp.
GERMAN
RUSSIAN, per, Plaste und Kautschuk, No 6,
1961, pp 301-303. 9671614

FTD MCL-1393/1

Sci - Mb/Metal

174770

29 Nov 61

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Fischer, H.
POLYTERAFLUOROETHYLENE. [Pt. 5 of Fluro-chemistry]. 25 Mar 63 [23]p. 46 refs.
Order from SLA $2.60 ATS-719-GS 63-14478

Trans. of Plaste und Kautschuk (East Germany) 1961, v. 8, no. 6, p. 304-310.
Another trans. is available from ATS $23.40 and as ATS-78P60G [1962] 17p.

DESCRIPTORS: *Fluorides, *Ethylenes, *Polymers, *Plastics, Resins.

A comprehensive survey is given on the preparation of the monomer and the polymer, on the chemical-physical properties of polytetrafluoroethylene, its fabrication and uses. PTFE dispersions and special fluorine plastics are also discussed. In addition, the experiences with the trial plant in Radebeul and with the products prepared there are given. (Author)
(Materials--Plastics TT, v. 10, no. 3)

63-14478

I. Fischer, H.
II. Title: Flurochemistry

ATS-78P60G

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Baumann, K. H.
INFLUENCE OF BASE METAL VIBRATIONS ON THE DURABILITY OF AIRCRAFT VARNISHES. [1961].
Order from TTIS $8.00 TTIS-2314

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, p. 332-333.

DESCRIPTORS: *Aircraft finishes, *Varnishes, Vibration, Metals.

(Materials--Finishes, TT, v. 6, no. 8)

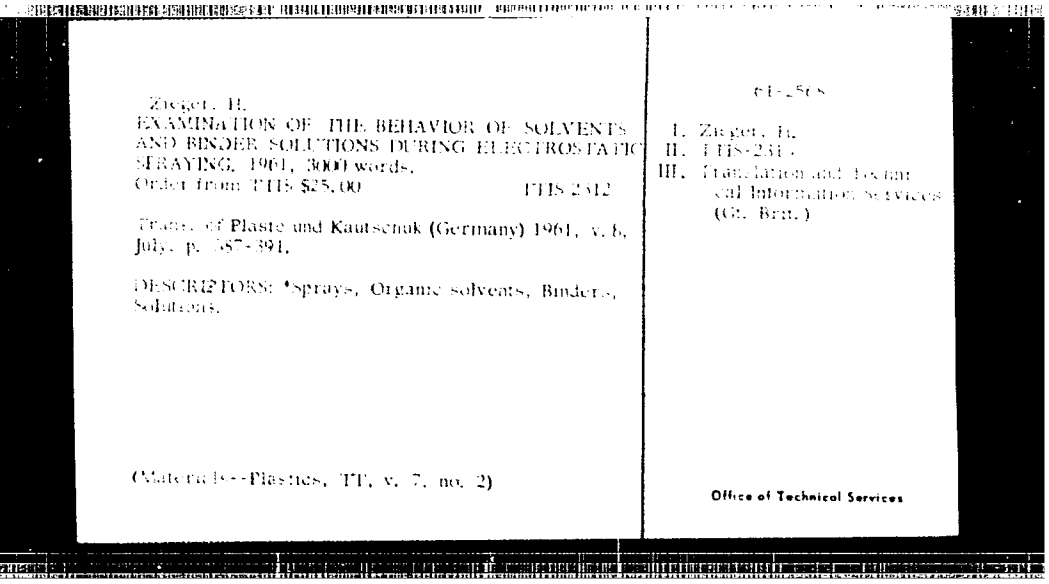
61-25077

I. Baumann, K. H.
II. TTIS-2314
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Ziegert, H.
EXAMINATION OF THE BEHAVIOR OF SOLVENTS AND BINDER SOLUTIONS DURING ELECTROSTATIC SPRAYING. 1961. 3000 words.
Order from: PTS $25.00 PTS 2312

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, July, p. 387-391.

DESCRIPTORS: *Sprays, Organic solvents, Binders, Solutions.

(Materials--Plastics, TT, v. 7, no. 2)

PT-5CS

I. Ziegert, H.
II. PTS-2312
III. Translation and Document Information Services (G. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Plasticizers. Part V. Dipole Measurement on Chloroparaffins, by E. Schroeder. EUROPEAN, per, Plaste und Kautschuk, Vol 8, No 8, 1961, pp 395-396.
NTC-71-11507-11I

Feb 72

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

(SP-1855)

The Use of Plastics in Agriculture,
by E. Jacob, P. Runki, 4 pp.

GERMAN, per, Plaste und Kautschuk,
No 8, 1961, pp 403-407.

JPRS 11962

EEur - Germany
Econ
Jan 62
EE

181, 322

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Franke, W., tr.
PLASTIC CEMENT CONCRETE, ITS PROPERTIES AND USES. [1962] [7]p.
Order from OTS or SLA $1.10 62-14532

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, no. 8, p. 427-429 (originally pub. in Stroitel'nye Materialy (USSR) 1960 [v. 6] no. 5, p. 8-9).

DESCRIPTORS: *Cements, *Construction materials industry, Minerals, *Plastics, *Concrete, Additives, Mortar, Mechanical properties, Hardening.

(Materials, TT, v. 9, no. 1)

62-14532

I. Cherkinskii, Yu. S.
II. Kalashnikova, V. M.
III. Franke, W.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Sound Absorbing Materials, by H. J. Klinger, H. Brauer.

GERMAN, per, Plaste und Kautschuk, Vol VIII, ~~XXXX~~ Aug 1961, ~~pp 435-440~~.

TTIS-2330

Sci
Mar 62
Vol VII, No 3

188,080

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Taschow, H. J.
EFFECT OF WATER SOLUBLE ELECTROLYTES ON OIL PAINT FILMS. 1961, 7300 words, 35 refs. Order from TTIS $45.00 TTIS-2345

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, Sep, p. 482-486 and Oct, p. 529-531.

DESCRIPTORS: *Electrolytes, Water, Solubility, *Oils, *Paints, *Films

(Materials--Finishes, TT, v. 7, no. 8)

62-12330

I. Taschow, H. J.
II. TTIS-2345
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Sikorski, R. T., Rabek, T. I. and Skwars, J.
PRODUCTION OF POLYVINYL AND METAL POLYACRYLATES AND USE AS PAINT DRIERS. Apr 62, 1250 words.
Order from TTIS $11.00 TTIS 2361

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8, Dec, p. 591-593.

DESCRIPTORS: *Plastic paints, Paints, *Polymers, *Acrylic resins, *Metals.

(Materials--Paints, TT, v. 8, no. 2)

62-17012

I. Sikorski, R. T.
II. Rabek, T. I.
III. Skwars, J.
IV. TTIS-2361
V. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

(SF-1855)

The New Engineering Plan: Basis of Scientific-Technical Successes of Factories Affiliated With VVB Plastverarbeitung, by K. H Kellerhoff, H. Boehm, 7 pp.

GERMAN, per, Plaste und Kautschuk, Vol VIII, No 11, 1961, pp 357-539.

JPRS 12876

Germany
Econ Mar 62 EE

187, 639

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Wende, A. and Joel, D.
SYNTHESIS OF ALKYL-2,3-EPOXYPROPOZYSILANES AND THEIR RESISTANCE TO HYDROLYSIS. Sep 62, 800 words.
Order from TTIS $6.00 TTIS NS 39

Trans. of Plaste und Kautschuk (Germany) 1962, v. 9 [no. 7] p. 343-344.

DESCRIPTORS: *Silanes, Alkyl radicals, Ethyl radicals, Methyl radicals, Butyl radicals, Epoxides, Alkoxy radicals, Synthesis, Hydrolysis, Resistance.

(Chemistry--Organic, TT, v. 9, no. 2)

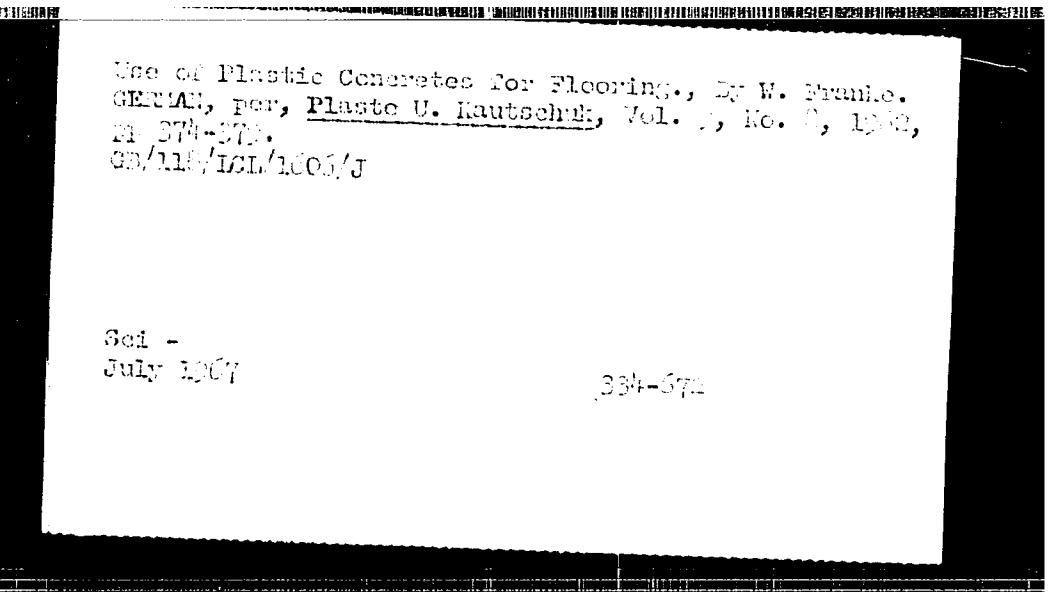
62-34411

I. Wende, A.
II. Joel, D.
III. TTIS NS-39
IV. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Use of Plastic Concretes for Flooring., By W. Franke.
GERMAN, per, Plaste U. Kautschuk, Vol. ?, No. ?, 1962,
pp 374-378.
GS/118/ICL/1005/J

Sci -
July 1967

334-372

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Kleeman, W. and others.
THERMAL STABILITY OF SULPHENAMIDE VULCANISATION ACCELERATORS, Oct 62, 1500 words, 7 refs.
Order from TTIS $15.00 TTIS No. 53

Trans. of Plaste und Kautschuk (Germany) 1962, v. 9 [no. 8] p. 407-409.

DESCRIPTORS: Accelerators, Vulcanization, Stability, Temperature, Amides, *Sulfenamides.

(Chemistry--Physical, TT, v. 9, no. 4)

62-34405

I. Kleeman, W.
II. TTIS No. 53
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Penczek, P.
UNSATURATED POLYESTERS MODIFIED WITH ANTHRACENE-MALEIC ANHYDRIDE ADDUCTS.
14 Nov 62, 2000 words.
Order from TTIS $21.00 TTIS NS 55

Trans. of Plaste und Kautschuk (Germany) 1962, v. 9 [no. 9] p. 425-428.

DESCRIPTORS: Polyester plastics, Heat resistant polymers, Dielectric properties, Production, *Anthracenes, *Maleic anhydride, Clatherate compounds, Esters, *Plastics.

(Materials--Plastics, TT, v. 9, no. 2)

63-12107

I. Penczek, P.
II. TTIS NS-55
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

INTERNATIONAL SOCIALIST COOPERATION IN THE FIELD OF TIRE PRODUCTION, BY A. SPRINGER, 8 PP.

GERMAN, PER, PLASTE UND KAUTSCHUK, NO 10, OCT 1962, PP 465-466.

JPRS 16842

EEUR - SOV BLOC
ECON
JAN 63

218,602

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

DEVELOPMENT OF THE USE OF PLASTICS IN THE VARIOUS BRANCHES OF INDUSTRY IN EAST GERMANY, BY W. HEINTZE, 15 PP.

GERMAN, PER, PLASTE UND KAUTSCHUK, VOL IX, NO 10, OCT 1962, PP 476-478.

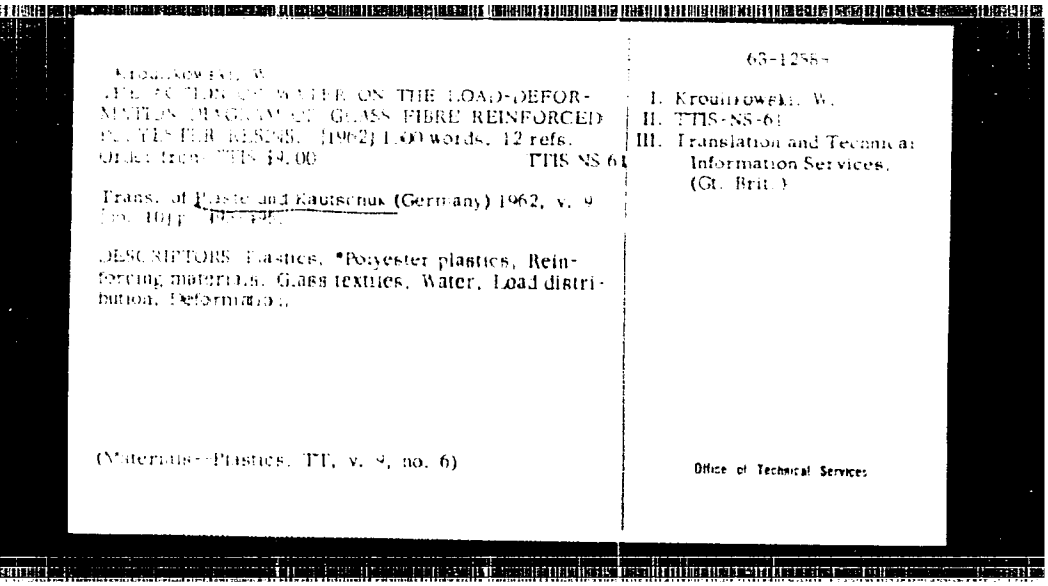
JPRS 16753

EEUR - GERMANY
ECON
DEC 62

218,416

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Krautkramer, W.

THE EFFECTS OF WATER ON THE LOAD-DEFORMATION DIAGRAM OF GLASS FIBRE REINFORCED POLYESTER RESINS. [1962] 1,600 words, 12 refs. Order from TTIS $4.00 TTIS NS 61

Trans. of Plaste und Kautschuk (Germany) 1962, v. 9 [no. 10] [pp. 725-727]

DESCRIPTORS: Plastics, *Polyester plastics, Reinforcing materials, Glass textiles, Water, Load distribution, Deformation.

(Materials--Plastics, TT, v. 9, no. 6)

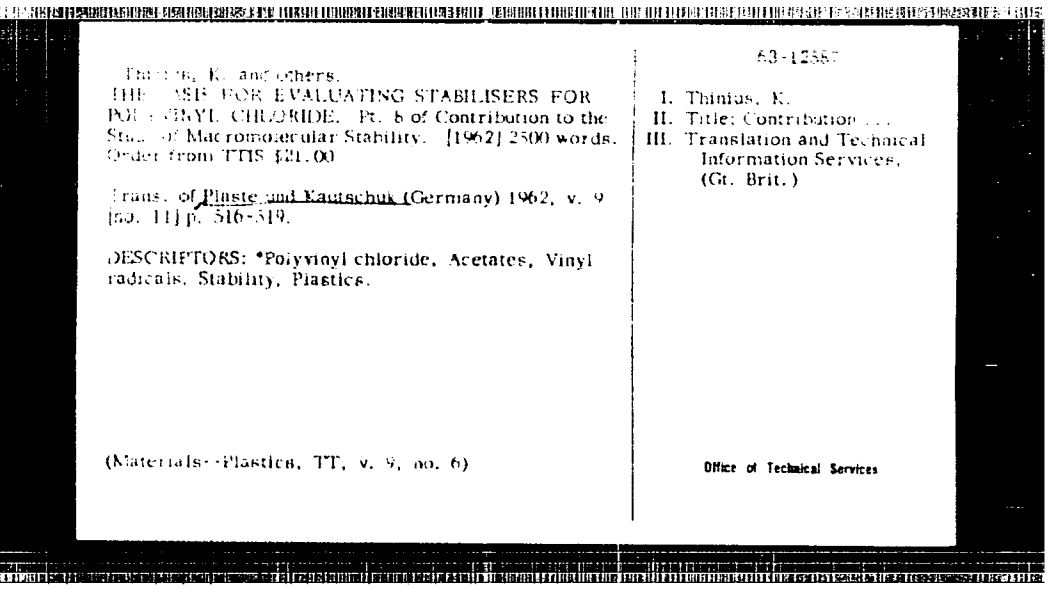
63-12586

I. Krautkramer, W.
II. TTIS-NS-61
III. Translation and Technical Information Services, (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Thinius, K. and others.
THESIS FOR EVALUATING STABILISERS FOR POLYVINYL CHLORIDE. Pt. 6 of Contribution to the Study of Macromolecular Stability. [1962] 2500 words. Order from TTIS $21.00

Trans. of Plaste und Kautschuk (Germany) 1962, v. 9 [no. 11] p. 516-519.

DESCRIPTORS: *Polyvinyl chloride, Acetates, Vinyl radicals, Stability, Plastics.

(Materials--Plastics, TT, v. 9, no. 6)

63-12557

I. Thinius, K.
II. Title: Contribution . . .
III. Translation and Technical Information Services, (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Aging of Plastics. Part IX. Aging Behavior of PVC Under Natural Conditions from the Standpoint of Differential Effects. Section I. Chemical Nature of a Film on Weathered Hard PVC and the Tendency Toward Film Formation, by G. von Hintzenstern.
GERMAN, per, Plaste und Kautschuk, Vol 10, No 1, 1963, pp 16-19.
NTC-71-16227-11I

Jan 72

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Schröder, Elisabeth and Rudolph, Gudrun.
CONTRIBUTIONS TO THE ANALYTICAL CHEMISTRY OF PLASTICS. XX. DETECTION AND DETERMINATION OF PHENOLIC ANTIOXIDANTS IN POLYETHYLENE (Beiträge zur Analytischen Chemie XX Nachweis und Bestimmung Phenolischer Antioxydantien in Polyäthylen). 5 Dec 63 [14p] 20refs
Order from SLA $1.60 TT-64-10929

Trans. of Plaste u[nd] Kautschuk (East Germany) 1963, v. 10, no. 1, p. 22-24.

(Materials--Plastics, TT, v. 11, no. 11)

TT-64-10929

I. Schröder, E.
II. Rudolph, G.
III. Title: Detection ...

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Polycondensation of ω-Hydroxyalkyl-Ferrocenes, by A. Wende, H. J. Lorkowski, 7 pp. GERMAN, per. Plaste und Kautschuk, Vol 10, No 1, 1963, pp 32-33. P100373267 FTD-HT-66-594

Sci-Chem
Jan 69

348,884

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

ON THE DEVELOPMENT OF THE PLASTICS INDUSTRY IN THE GERMAN DEMOCRATIC REPUBLIC IN 1962 AND SOME IMPORTANT TASKS FOR 1963, REPORT OF THE VVB ELECTROCHEMISTRY AND PLASTICS, BY W. NETTE, H. HEMANN, 7 PP

GERMAN, PER, PLASTE UND KAUTSCHUK, VOL X, NO 3, 1963, PP 129-130.

JPRS 19365

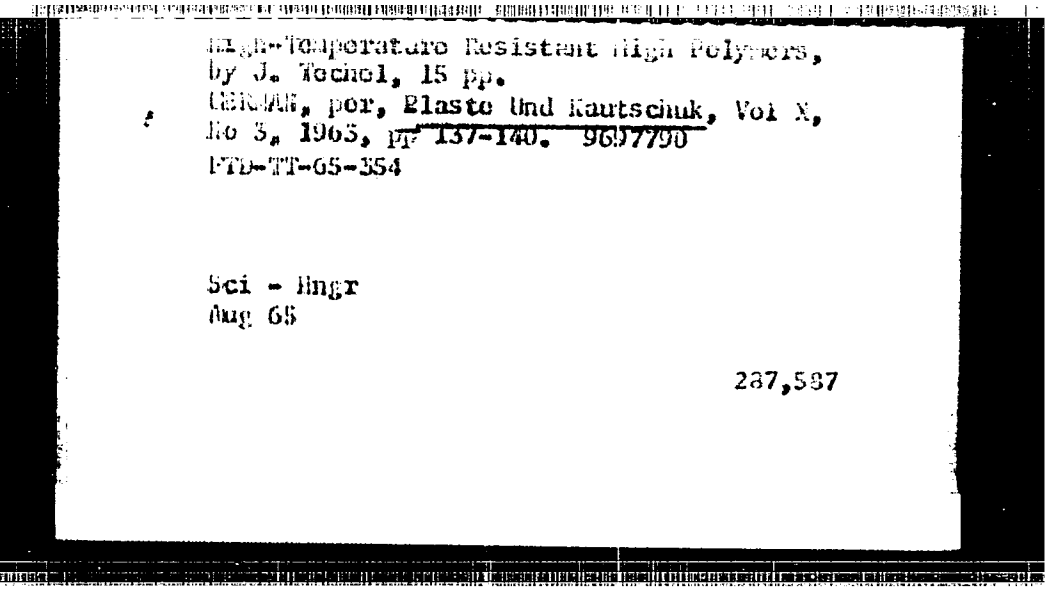
EEUR - GERMANY
ECON
MAY 6

231,427

5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



High-Temperature Resistant High Polymers,
by J. Techol, 15 pp.
[illegible], por, Plasto Und Kautschuk, Vol X,
No 3, 1965, pp 137-140. 9697790
FTD-TT-65-354

Sci - Engr
Aug 65

287,587

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Andreas, F. and Keck, R.
ALIPHATIC SULPHONAMIDES AS RAW MATERIALS FOR EPOXY RESINS. May 63, 400 words, 14 refs. Order from TTIS $36.00 TTIS NS 81

Trans. of Plaste und Kautschuk (East Germany) 1963, v. 10 [no. 3] p. 140-145.

DESCRIPTORS: Aliphatic compounds, *Sulfonamides, *Epoxy resins, Chlorocarbons, Propanes, Methyl radicals, Plastic coatings, Casting, Laminated plastics.

(Materials--Plastics, TT, v. 10, no. 3)

63-17391

I. Andreas, F.
II. Keck, R.
III. TTIS-NS-81
IV. Translation and Technical Information Services, (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Strubell, W.
METHACRYLATE POLYMERISATION WITH AUTOXIDISED STEARIC ACID IN THE PRESENCE OF COPPER PROPIONYLACETONE. May 63, 500 words, 5 refs.
Order from TTIS $4.00 TTIS NS 82

Trans. of Plaste und Kautschuk (Germany) 1963, v. 10 [no. 3] p. 153.

DESCRIPTORS: *Acrylic resins, Methyl radicals, Polymerization, Oxidation, *Stearic acids, *Copper compounds, *Acetones, Catalysts, Plastics.

(Materials--Plastics, TT, v. 10, no. 3)

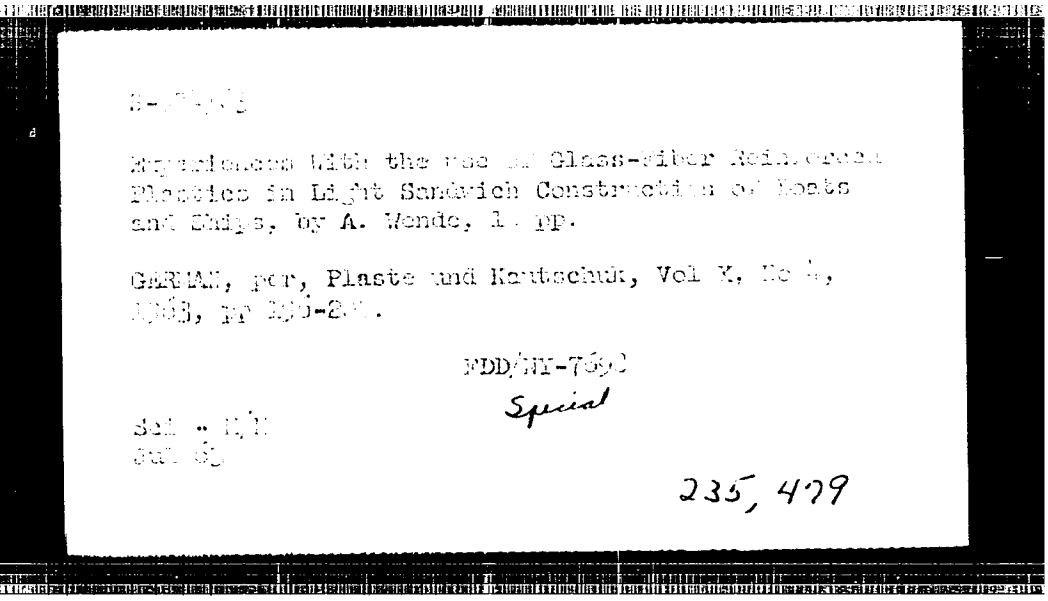
63-17392

I. Strubell, W.
II. TTIS-NS-82
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



B-[illegible]

Experiences With the Use of Glass-fiber Reinforced Plastics in Light Sandwich Construction of Boats and Ships, by A. Wende, 1 pp.

GARIAM, per, Plaste und Kautschuk, Vol X, No 1, 1963, pp 1[illegible]-2[illegible].

FDD/HI-7690

Special

Sel - M/H
Sub St

235, 479

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Absorption of Plasticizers by Poly(Vinyl Chloride) (PVC) Suspensions, by K. Bischof. EUROPEAN, per, Plaste und Kautschuk, Vol 10, No 4, 1963, pp 201-205.
NTC-71-11505-11I

Feb 72

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Rotrekl, B.
THE SORPTION PROCESS FOR METALLISING PLASTICS. Sep 63.
Order from TTIS $18.00 TTIS NS 133

Trans. of Plaste und Kautschuk (East Germany) 1963, v. 10 [no. 6] p. 373-376.

DESCRIPTORS: *Plastics, *Metalorganic plastics, Processing, Sorption

(Materials--Plastics, TT, v. 10, no. 12)

63-22762

I. Rotrekl, B.
II. TTIS NS-133
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

S-758/63

Sixtieth Birthday of National Prize Winner Professor Richard Mueller, by H. Reuther. SF-4790 4 pp

GERMAN, per, Plaste und Kautschuk, Vol X, No 7, 1963, pp 385-386.

JPRS

EE-Germany
Biog
Aug 63

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Organic Silicon Compounds With Phenylenet- and Thienylenechain Links, by T. I. Tschernyschewa, N. S. Nametkin, 7 pp.
GERMAN, per, Plaste und Kautschuk, Vol X, No 7, 1963, pp 390-391. 9693472
FTD-TT-64-165

Sci - Chem
Aug 64

265,183

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Production of Stereoregular Polyvinyl Chloride,
by A. Sangalow.
GERMAN, per, Plaste und Kautschuk, Vol 10, No 8,
1963, pp 464-466.
NTC-71-16228-11I

Jan 72

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Luttropp, H., Ohlmann, C., Walter, R., and others.
DEEP-DRAW PROPERTIES AND TENDENCY FOR RECOIL DEFORMATION OF DIFFERENT PLASTICS.
14p
Order from SLA $1.60 TT-64-16682

Trans. of Plaste und Kautschuk (East Germany) 1963, v. 10, no. 9, p. 552-556.

(Materials--Plastics, TT, v. 12, no. 4)

TT-64-16682

I. Luttropp, H.
II. Ohlmann, C.
III. Walter, R.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Light-Sensitive Vinyl Polymers, by
G. Pogany, Z. Borha.
GERMAN, per, Plaste Kautschuk, Vol X,
No 12, 1963, pp 728-730.
ATS 1189-GJ

Materialsy
Jul 67

331,663

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

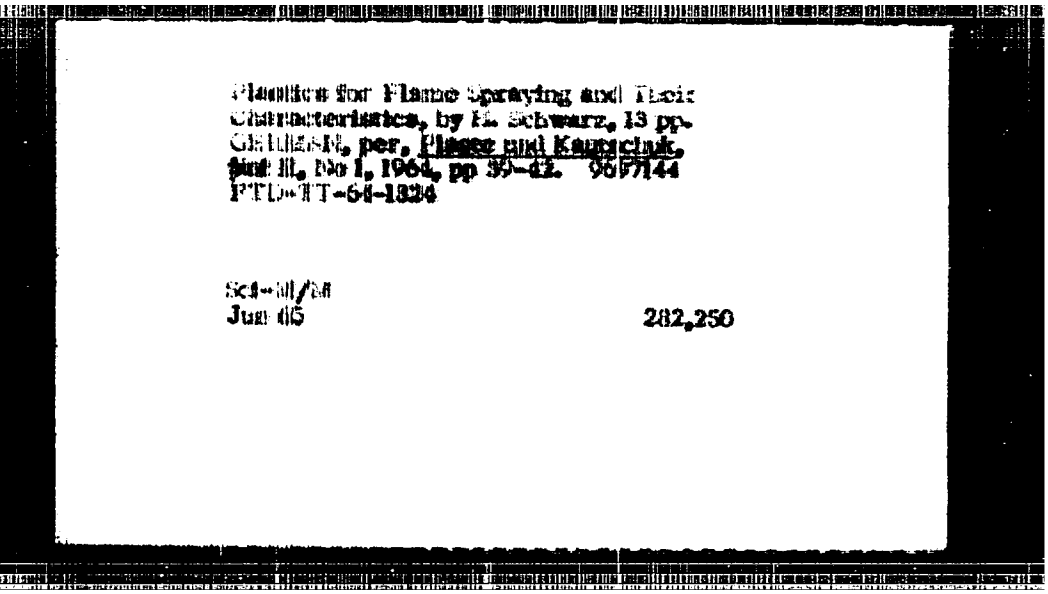
The Influence of the Thermal After-Treatment on the Properties of Polyamide Coatings, by
[illegible] Kuvshinskiy, 12 pp.
CHEMICAL, per. Plasty i Kauchuk, Vol 11, No 1, 1954, pp 30-38. 9097144
FTD-HT-64-1324

Sci-Tech/M
Jun 65

282,249

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Plastics for Flame Spraying and Their Characteristics, by H. Schwarz, 13 pp. GERMAN, per. Plaste und Kautschuk, Vol 11, No 1, 1964, pp 39-42. 9697144 PTD-TT-64-1324

Sci-Ml/Al
Jun 65

282,250

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Adsorption of Binders on Pigments
by H. Schutte.
GERMAN, per, Plaste und Kautschuk,
Vol XI, No 4, 1964, pp 248-250.
TTIS NS 237

Apr 67 323,104

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Studies on the Electrochemical Membrane Properties of Anti-Corrosive Paint Films. Pt. 1, by H. Brandt.
GERMAN, per, Plaste Kautsch, Vol 11, No 4, 1964, pp 251-256.
CRL/T. 2439

Sci -
Jul 67

333,687

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Testing of Plastics, by O. Korn
GERMAN, per, Plaste und Kautschuk, Vol 11,
No 5, 1964, pp 278-280
NTC 71-15302-11I

mar 72

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

NCH-200 871 Field 111

Wolkober, Z.; Wolkober, E.
THE EFFECT OF METAL COMPOUNDS ON THE PROCESSING PROPERTIES OF PVC. 1965. TTIS-NS-346.
Order from TTIS: $36.00 as TTIS-NS-346

Trans. of Plaste und Kautschuk (East Germany) v11 n5 p270-5 1964.

I. Wolkober, Z.
II. Wolkober, E.
III. TTIS-NS-346
IV. Translation and Technical Information Services, London (England)

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Weather Resistance of Flexible PVC, by
K. Ipolyi.
GERMAN, per, Plaste und Kautschuk, Vol 11,
1964, pp 275-278.
NTC 71-14775-11I

Feb 72

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Use of Boron Trifluoride Complexes for the Hardening of Epoxy Casting Resins, Impregnating Lacquers, and for Other Applications, by M. Lidarik. GERMAN, per, Plaste und Kautschuk, Vol 11, No 10, 1964, pp 586-591.
NTC-71-12080-11I

Nov 71

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

New Cold-Setting Epoxy Adhesives, by M. Lidarik.
GERMAN, per, Plaste und Kautschuk, Vol 11, No 10,
1964, pp 598-602.
NTC-71-12081-11A

Nov 71

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Origin and Effect of Branching in Chain Molecules, by A. J. Staverman, 9 pp. UNClassified

DUTCH, per, Plastica, Vol IV, 1951, pp 55-58.

NIH 2-16

Sci - Chem

60,282

Mar 58

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Some Remarks Concerning Polyacrylonitrile, by F. Platzek, 5 pp.

POLISH, per, Plastica, Vol IV, 1951, pp 188, 189.

SLA Tr 2674

Sci - Chemistry
Feb 58

58,531

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The K-Value of Polyvinyl Chloride: Definition, Determination, Samples and Purity of the Solvent, by P. Matsek, 8 pp.

DUTCH, per, Plastica, Vol V, No 1, 1952, pp 19-24.

SLA 60-183[illegible]51

Sel
Vol IV, No 11
Jun 62

199,210

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Rigid PVC Film as Packaging Material,

GERMAN, Plastica, Vol VIII, No 7, pp 356-357

ASLIB-GB39

Sci

Jul 59

92,684

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Developments and Experiences in the Manufacture of Blown Film, by G. Schenkel.

DUTCH, per, Plastica, No 8, 1955, pp 396-400.

ASLIB-GB39

Sci

Aug 58

71,646

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Development and Experience in the Manufacture of Blown Films, II, by G. Schenkel.

Dutch
Chemn, per, Plastic, Vol VIII, 1955, pp 452-457.

ASLIB-GB57

Sci

A 58

71,647

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Block-Copolymers, by F. W. Peaker.

DUTCH, per, Plastica, Vol IX, No 10, 1956, pp 620 - 621,

ASLIB-CH39

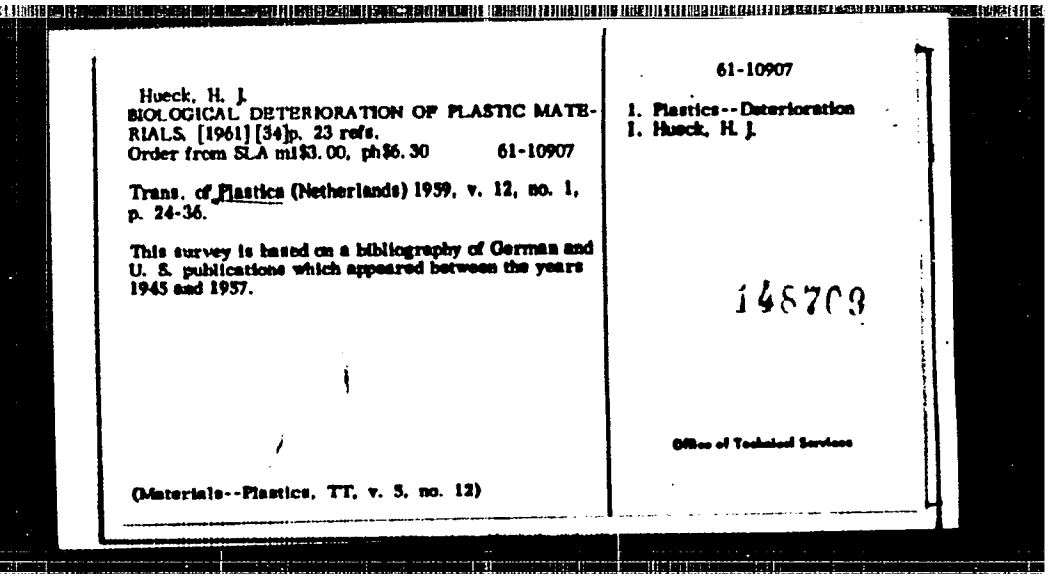
Sci

Aug 58

72,494

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Hueck, H. J.
BIOLOGICAL DETERIORATION OF PLASTIC MATERIALS. [1961] [34]p. 23 refs.
Order from SLA mi$3.00, ph$6.30 61-10907

Trans. of Plastica (Netherlands) 1959, v. 12, no. 1, p. 24-36.

This survey is based on a bibliography of German and U. S. publications which appeared between the years 1945 and 1957.

(Materials--Plastics, TT, v. 5, no. 12)

61-10907

1. Plastics--Deterioration
I. Hueck, H. J.

148709

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Hueck-Van der Plas, E. H.
BIOLOGICAL DETERIORATION OF PLASTICIZERS IN PVC (Biologisch Bederf van Weekmakers in PVC). [1962] 10p. 11 refs.
Order from SLA $1.10 62-16592

Trans. of Plastica (Netherlands) 1960, v. 13, no. 12, p. 1216-1219.

DESCRIPTORS: *Vinyl chlorides, Polymers, *Plasticizers, *Microorganisms, *Fungicides, *Plastics, Deterioration, Chlorides.

(Materials--Plastics, TT, v. 8, no. 7)

62-16592

I. Hueck-Van der Plas, E. H.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Legislation on the Packaging of Foodstuffs in Plastics, by C. Engel.
GERMAN, pwr, Plastica, Vol 14, No 10, 1961, pp 904-907.
GB/39/PI/TR 8356

Sci -
Aug 67

334,901

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Adhesive Bond, I, by D. M. Weggemans.
DUTCH, per, Plastica, Vol 15, 1962, pp 666-670.
RAPRA-1224

Sci-M&M
Jul 66

305,590

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

IV

The Adhesive Bond, by D. M. Weggemans. 7p.
DUTCH, per, Plastica, Vol 16, No 6,
1963, pp 272-275.
RAPRA-1225

Sci-M&M
Jul 66

305,589

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

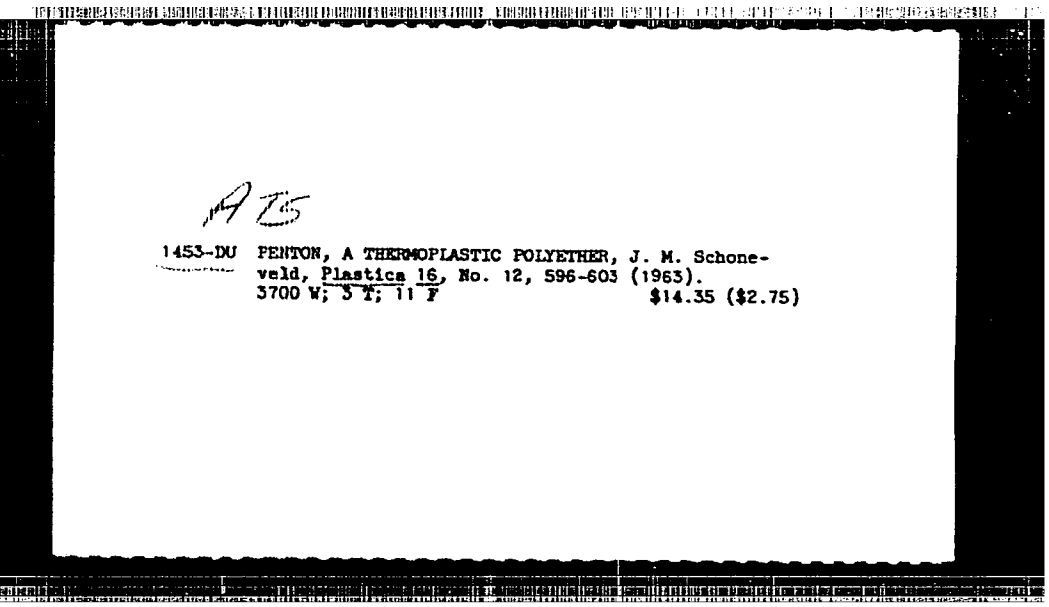
Experimental Plastic Houses. 1., by E. K. H. Wulkan.
GERMAN, per, Plastica, Vol XVI, No 7, 1963,
pp 326-333.
KGB/39/PL/TR 8134

Sci - Mat/Met
Jul 64

262,555

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



1453-DU PENTON, A THERMOPLASTIC POLYETHER, J. M. Schoneveld, Plastica 16, No. 12, 596-603 (1963).
3700 W; 3 T; 11 F $14.35 ($2.75)

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Decorative Laminated Sheet Material
on Melamine Resin Base, by Ph L. Fontein.
DUTCH, per, Plastica, Vol 16, 1963,
pp 500-11.
RAPRA-1229

331, 5[illegible]4

Sci - Materials
Jul 67

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Processing Methods for and Properties of
Polyester Resins Reinforced with Glass,
by T. van Rijssel.
DUTCH, per, Plastica, Vol 16, 1963,
pp 500-11.
RAPRA-1227

331, 565

Sci - Materials
Jul 67

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Development Of A Fungus-resistance Test For Plastics,
by W. Hazeu.
GERMAN, per, Plastica, Vol 17, No 10, 1964,
pp 483-487.
(GB 130/2.338)

Sci -
Sep 67

340,011

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Injection Moulding of Polypropylene, by H. Bortent
GERMAN, per Plastica, Vol. 17, No. 11, 1964, pp
564-574
JB 39 ABT 1006

Sci -
Sep 67

34-0-015

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Contribution to Prospects of Production and Research of Reinforced Plastics, by J. Kabezha, 10 pp. FOR OFFICIAL USE ONLY
CZECH, per, Plasticke hmoty a Kaucuk, no 1, Nov 1964, 9697683
FSTC 381-T65-285
AGSI I-7255
ID 2204018365

Sci - Phys
Aug 65 287,250

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Use of Plastics in the National Economy, by Milos Bacak, 7 pp, GOVERNMENT USE ONLY
CZECH, per, Plasticke Hmoty a Kaucuk, Vol I, No 1, 1964, pp 2-4.
JPRS GUO 245

EE-Czechoslovakia
Econ
Apr 64

255,810

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Plastics in the Machine Industry I, by Jiri Hugo, 6 pp.
GOVERNMENT USE ONLY
CZECH, per, Plasticke Hmoty a Kaucuk, Vol I, No 1, 1964, pp 4-6.
JPRS GUO 245

EE-Czechoslovakia
Econ
Apr 64

255,812

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Problems of the Czechoslovak Rubber Industry, by Zdenek Bortel, 7 pp. GOVERNMENT USE ONLY CZECH, per, Plasticke Hmoty a Kaucuk, Vol I, No 1, 1964, pp 6-9.
JPRS GUO 245

EE-Czechoslovakia
Econ
Apr 64

255,811

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Plastics in the Machine Industry II, by Ivan Pkohl, 6 pp.
GOVERNMENT USE ONLY
CZECH, per, Plasticke Hmoty a Kaucuk, Vol I, No 1,
1964, pp 33-35.
JPRS GUO 245

EE-Czechoslovakia
Econ
Apr 64

255,8[illegible]13

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Influence of Rigorous Climatic Conditions on Plastics, by Boris Valenta, 11 pp.
CZECH, per, Plasticke Hmoty a Kaucuk, Vol I, No 3, 1964, pp 77-81.
ACSI I-5664
ID 2204044364

Sci - M/M
Dec 64

269,245

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

New Materials, by Jozef Dinuka, 4pp.

CZECH, per, Plasticke Hmoty a Kaucuk, Vol I, No 5, 1964, pp 151, 152.

ACSI I-5652
ID 220043164

Sci - M/M
Ethur - Czechoslovakia
Econ
Sep 64

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

New Materials.
CZECH, per, Plasticke Hmoty a Kaucuk,
Vol I, No 10, 1964.
Minis of Def T No 3417
DSTI/D154(S)a
London

Sci - M/M
Apr 66 298,567

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

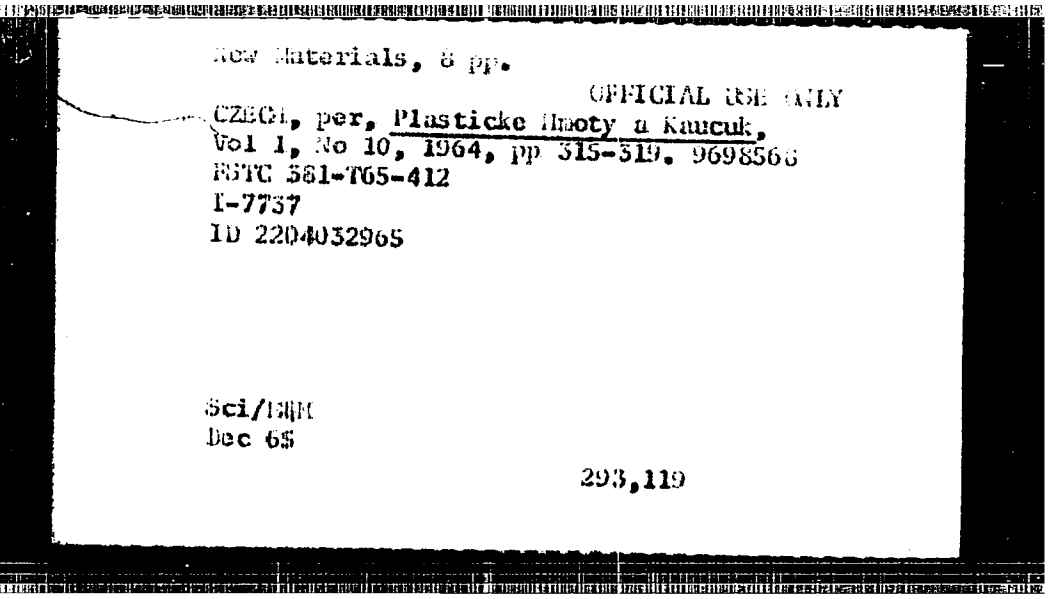
The Role of Wettability in the Preparation and Properties of Glass Laminates, by Vladimir Zvonar. 11 pp.
CZECH, per, Plasticke Hmoty a Kaucuk, Vol 1, No 10, 1964, pp 293-298.
Dept of NAvy ONI 2412

Sci/Materials
Aug 67

336,610

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



New Materials, 8 pp.

OFFICIAL USE ONLY

CZECH, per, Plasticke Hmoty a Kaucuk,
Vol 1, No 10, 1964, pp 315-319. 9698568
FSTC 581-T65-412
I-7737
ID 2204032965

Sci/T&M
Dec 65

293,119

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

R-5383-D

To the Prospects of the Production and Research of Reinforced Plastics by J. Kabezka, Plasticke Hmoty a Kaucuk, Vol 1, No 11, 1964, pp 321-324, 4 pp

Czech

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

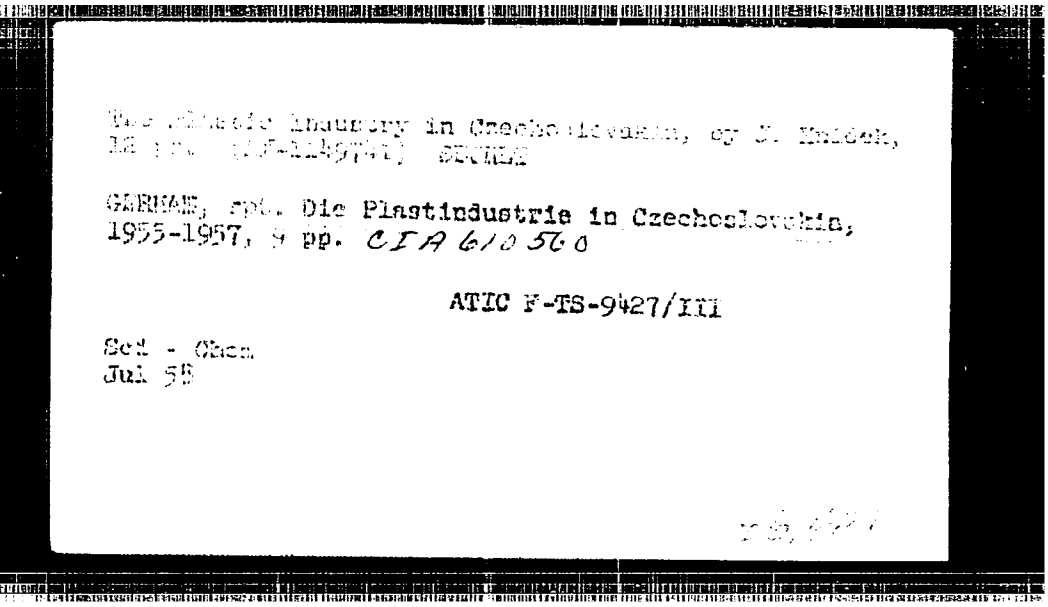
APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

To the Prospects of the Production and Research of Reinforced Plastics, by J. Kobouška, 10 pp.
CZECH, per. (Plastické Hmoty a Kaučuk,)
No 1, pp 321-324, 1964.
FOSR 1-7255
AD 230018365

Metallurgy 6M
July 65 292,554

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



The Plastic Industry in Czechoslovakia, by [illegible]

GERMAN, 9pp. Die Plastindustrie in Czechoslovakia, 1955-1957, 9 pp. CIA 610560

ATIC F-TS-9427/IIT

Sed - Chem
Jul 58

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

AIS

1487-FJ PHYSICOCHEMICAL AND MECHANICAL PROBLEMS IN THE EXTRUSION OF POLYTETRAFLUOROETHYLENE. PART 2, W. Wrobel, Ind. Plastiques Mod. (Paris) 13, 25-30 (1961).
5800 W; 3 F $17.50 ($3.00)

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Injection Molding of Hardenable (Thermalsetting) Synthetic Materials, by K. Brandenburger, 5 pp.

GERMAN, per, Plastische Massen Wiss u Tech, Vol VII, 1937, pp 172-174.

SLA 57-1550

Sci
May 58

63,766

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Jacobson, U.
THE EFFECT OF LUBRICANTS ON RIGID PVC. Paper read at the Technical part of the Conference arranged by the Swedish Plastics Federation, Stockholm, 21-24 Nov 60. [1962] 7p.
Order from ATS $13.50 ATS-77P61S

Trans. of mono. Plastteknik, Stockholm, 1960, sect. OC: II, p. 1-4.

DESCRIPTORS: *Vinyl chlorides, *Polymers, *Lubricants.

(Materials--Plastics, TT, v. 8, no. 6)

62-22137

I. Jacobson, U.
II. ATS-77P61S
III. Associates Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Sealing Plastic Coats on Concrete Surfaces, by S. G. Bergstrom.
GERMAN, per, Plastvarlden, Vol XIII, No 5, 1963, pp 476-481.
AEC/Risley Tr 794
On Loan Only

Sci
Jun 65

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Stastny, Fritz.
MOLDS AND FIXTURES FOR STYROPOR FABRICATION (Formen und Vorrichtungen zur Verarbeitung von Styropor). [1951] 28p. (22 figs. omitted) 3 refs.
Order from SLA $2.60 62-10353

Trans. from der Plastverarbeiter (West Germany) 1954, v. 5, no. 9.

DESCRIPTORS: Molding, *Molding materials, *Expanded plastics, Styrenes, Polymers.

(Materials--Plastics, TT, v. 7, no. 9)

62-10353

1. Title: Styropor
I. Stastny, F.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Fluidized Sintering Process -- Fundamental Principles, Process and Apparatus, by E. Gemmer, 22 pp.

German, per, Plastverarbeiter, Sept 1956, pp 342-348.

U. S. Dept of Commerce
Patent Office
Sci Lib

150/104

Sci - Engr

May 61

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Silk-Screen Process. PT.I. The Screen-Printing Process: The Reproduction Technique, by E. Mertes, 5pp.
GERMAN, per, Plastverarbeiter, Vol 8, No 4, 1957, pp 149-151.
CFSTI TT-64-18808.

322,623

Sci - Materials
Mar 67

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Silk Screen Process. PTS. II-III. The Screen-Printing Process: Reproduction Technique, by E. Mertes, 7pp.
GERMAN, per, Plastverarbeiter, Vol 8, No 6, 1957, pp 214-215.
CFSTI TT-64-18809.

322,623

Sci - Materials
Mar 67

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Silk Screen Process. PT V. The Screen-Printing Process: The Reproduction Technique of Multicolor Print, by E. Mertes, 6pp.
GERMAN, per, Plastverarbeiter, Vol 8, No 10, 1957, pp 381-383.
CFSTI TT-64-18811.

322,624

Sci - Materials
Mar 67

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Polystral 51, by H. Beck.

GERMAN, per, Plastverarbeiter, Vol IX, No 12, 1958, pp 441-446.

CB/153/268

Sci
Dec 62

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

The Silk Screen Process. PT. VI. The Screen-Printing Processes. Reproduction Technique-Practical Application of Reproduction Films, by E. Mertes, 5pp. GERMAN, per, Plastverarbeiter, Vol 8, No 12, 1957, pp 463-465. CFSTI TT-64-18812.

322,626

Sci - Materials
Mar 67

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

New Fields of Application of the Technology of Synthetic Materials, by Herbert Stepanek, 19 pp.

GERMAN, per, der Plastverarbeiter, Vol X, No 4, 1959, pp 137-143.

SLA 60-18520

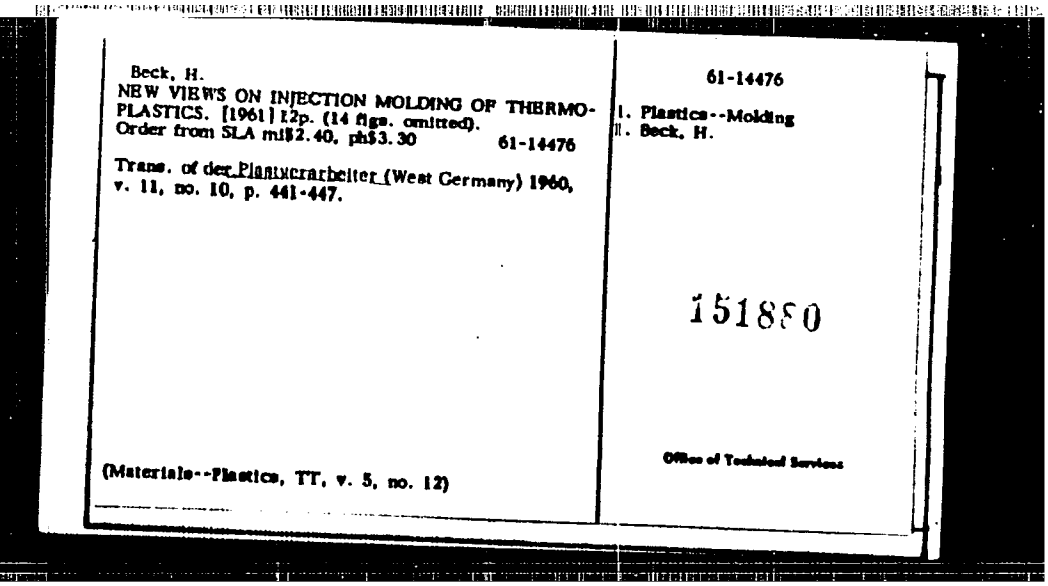
203,560

Sci
Jul 62

Vol 4, No 12

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Beck, H.
NEW VIEWS ON INJECTION MOLDING OF THERMOPLASTICS. [1961] 12p. (14 figs. omitted).
Order from SLA mi$2.40, ph$3.30 61-14476

Trans. of der Plastverarbeiter (West Germany) 1960, v. 11, no. 10, p. 441-447.

(Materials--Plastics, TT, v. 5, no. 12)

61-14476

1. Plastics--Molding
II. Beck, H.

151850

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Shaping Plastic Foils with Compressed Air, by W. Heitzer.
GERMAN, per, Plastverarbeiter, No. 9, 1961, pp 411-414.
CB/59/PL/ER 7397

Sci -
July 1957 334,021

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Ullrich, Beuschel [H.] and others.
DESIGN OF PLASTIC ITEMS AND CONSTRUCTION OF MOLDS FOR THE INJECTION MOLDING OF LOW-PRESSURE POLYTHYLENE AND POLY-PROPYLENE, L. [7 Feb 63] [16]p. 2 refs.
Order from SLA $1.60 63-18347

Trans. of der Plastverarbeiter (West Germany) 1961, v. 12, no. 10, p. 454-458.

DESCRIPTORS: *Polyethylene plastics, *Propenes, Material forming, *Molding, Injection.

The formation of molded articles from low pressure polyethylene is considered. The aspects differing from polypropylene are especially discussed. The experiences communicated for low pressure polyethylene and polypropylene were gained mostly by processing Hostalen G and Hostalen PP.
(Materials--Plastics, TT, v. 10, no. 11)

63-18347

I. Title: Polypropylene
I. Ullrich
II. Beuschel, H.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Ullrich, Beuschel [H.] and others.
DESIGN OF PLASTIC ITEMS AND CONSTRUCTION OF MOLDS FOR THE INJECTION MOLDING OF LOW-PRESSURE POLYETHYLENE AND POLYPROPYLENE. II. CONSTRUCTION OF MOLD FOR LOW-PRESSURE POLYETHYLENE (Artikelgestaltung und Werkzeugkonstruktion bei der Spritzgussverarbeitung von Niederdruck-Polyäthylen und Polypropylen. II. Werkzeugkonstruktion bei Niederdruck-Polyäthylen). [12 Feb 63] [21]p. (foreign text included) 4 refs. Order from SLA $2.60 63-18390

Trans. of Plastverarbeiter (West Germany) 1961, v. 12, no. 11, p. 504-511.

DESCRIPTORS: *Polyethylene plastics, *Propenes, Material forming, *Molding, Injection, *Dies, Construction, Cooling, Colors

(See also 63-18347)
(Materials--Plastics TT, v. 10, no. 11)

63-18390

1. Title: Polypropylene
I. Ullrich
II. Beuschel, H.
III. Title: Construction...
IV. Title: Werkzeug-konstruktion...

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Genzsch, Erwin O.
THE ADHESIVE BONDING OF METALS: PROPERTIES AND CONDITIONS OF APPLICATION, HIGH SHEAR STRENGTH, LOW SPLITTING OR PEELING RESISTANCE. [1963] 22p. 4 refs.
Order from SLA $2.60 63-14748

Trans. of Plastverarbeiter (West Germany) 1961 [v. 12, no. 12] p. 559-563.

DESCRIPTORS: *Metals, *Bonding, *Adhesives, Aircraft industry, *Composite materials, *Thermosetting plastics, Elastomers, Thermal stresses.

(Materials--Adhesives, TT, v. 10, no. 3)

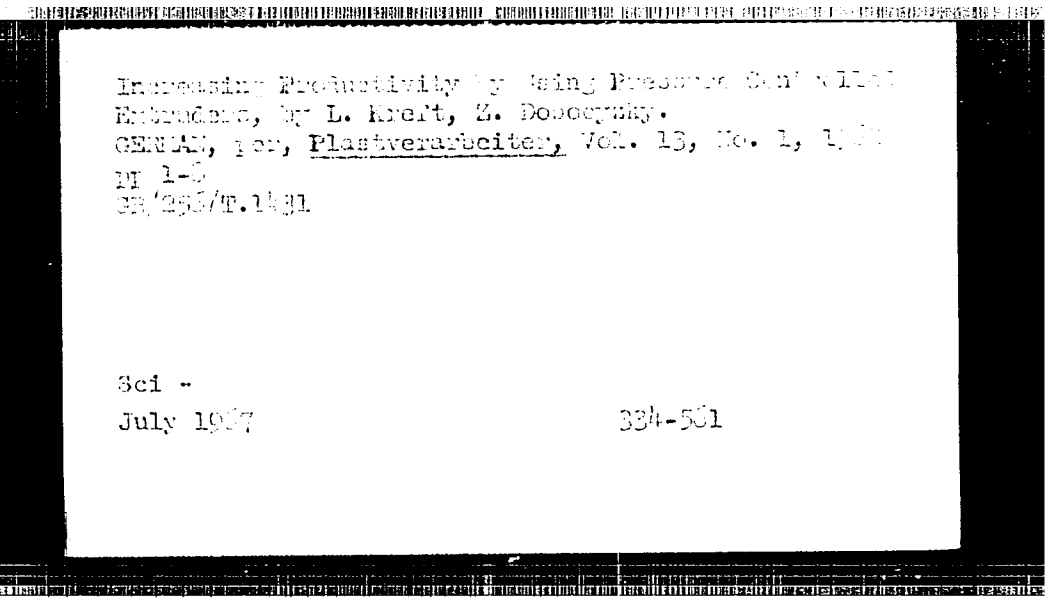
63-14748

I. Genzsch, E. O.
II. Title: Properties ...

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2



Increasing Productivity by Using Pressure Controlled
Extruders, by L. Kreft, Z. Dobocsky.
CZECH, Per, Plastverarbeiter, Vol. 13, No. 1, 1
PP 1-5
CZ/255/T.1431

Sci -
July 1967 334-501

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2

Schleede, D., Schülde, F. and others.
DESIGN OF PLASTIC ITEMS AND CONSTRUCTION OF MOLDS FOR THE INJECTION MOLDING OF LOW-PRESSURE POLYETHYLENE AND POLYPROPYLENE. III. EFFECT OF PROCESSING CONDITIONS AND MOLDING FOR POLYPROPYLENE (Artikelgestaltung und Werkzeugkonstruktion bei der Spritzgussverarbeitung von Niederdruck-Polyäthylen und Polypropylen. III. Einfluss der Verarbeitungsbedingungen und Artikelgestaltung bei Polypropylen). [13 Feb 63] [25]p. (foreign text included) 7 refs.
Order from SLA $2.60 63-18388

Trans. of Plastverarbeiter (West Germany) 1962, v. 13, no. 1, p. 14-21.

DESCRIPTORS: *Polyethylene plastics, *Propenes, Material forming, *Molding, Injection, Deformation, Inhibition.
(See also 63-18390)
(Materials--Plastics, TT, v. 10, no. 11)

63-18388

I. Schleede, D.
II. Schülde, F.
III. Title: Effect...
IV. Title: Einfluss...

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210044-2